FORM PTO- (REV 12-200	1390	U.S. DEPARTMEN	IT OF COMMERCE PATENT AND TRADEMARK OFFIC	}				
	740116-628 U.S. APPLICATION NO. (If known, see 37 CFR 1.5)							
CONCERNING A FILING INTERNATIONAL APPLICATION NO.			INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED				
PCT/EP2004/014878			31 December 2004	22 January 2004				
TITLE O	FINVENTION: DRII	LL STEM FO	OR DEEP DRILLINGS					
APPLICA	NT(S) FOR DO/EO/U	s: Magdalen	a ROTTHÄUSER					
other in 1.	formation: This is a FIRST s This is a SECON This is an express submission must it The US has been of A copy of the Inte is attached her is not required An English langue is attached her has been previous Amendments to the are attached her have been com have not been An English langue 371(c)(3)). An oath or declare	ubmission of D or SUBSE request to preclude items elected by the mational Apeto (required municated by a sthe appliage translatio eto. ously submitted to (required municated be recto (required municated be made; however made and winge translatio ation of the itage translatio	items concerning a filing under 35 to QUENT submission of items concerningly begin national examination (5), (6), (9) and (21) indicated below expiration of 19 months from the polication as filed (35 U.S.C. 371(c)) only if not communicated by the International Bureau. Cation was filed in the United States in of the International Application as ted under 35 U.S.C. 154(d)(4). The International Application under Pd only if not communicated by the International Bureau. For the International Bureau. For the International Bureau. For the International Bureau. For the time limit for making such and I not be made. In of the amendments to the claims unventor(s) (35 U.S.C. 371(c)(4)). In of the annexes to the International	rning a filing under 35 U.S.C. 371. procedures (35 U.S.C. 371(f)). The w. riority date (Article 31). 2)) pernational Bureau). Receiving Office (RO/US). filed (35 U.S.C. 371(c)(2)). CCT Article 19 (35 U.S.C. 371(c)(3)). International Bureau). mendments has NOT expired.				
Items 11 to 20 below concern document(s) or information included: 11. ■ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.								
12.□	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13.区	A FIRST prelimin	ary amendm	ent.					
14. 🗷	An Application D	ata Sheet un	der 37 CFR 1.76.					
15.□	A substitute speci	ification.						
16. 🗆	A change of power	er of attorney	and/or address letter.					
17. 🗆	A computer-reada - 1.825.	able form of 1	he sequence listing in accordance w	ith PCT Rule 13ter.2 and 35 U.S.C. 1.821				
18. 🗆	A second copy of	the publishe	d international application under 35	U.S.C. 154(d)(4).				
19. 🗆	A second copy of $154(d)(4)$.	second copy of the English language translation of the international application under 35 U.S.C. 54(d)(4).						
20.区 Other items or information: Six sheets of Drawings (Figs. 1-8)								

U.S. APPLICATION NO). (If known, see 37 C.F.	R. 1.50)	INTERNATIONAL APPLICA			DOCKET NUMBER	1
			PCT/EP2004/0148	78	740116-6	028	
	The following	fees are sul	omitted:		CALCULATION	NS PTO USE ONLY	
21. 🗷 Basic r	Basic national fee (37 CFR 1.492(a))				\$300.00		
22. Examination fee					\$200.00		
report j Article	ion prepared by IS prepared by IPEA/ 33(1)-(4)s	US indicate					
23. 🗷 Search	fee			\$500.00	\$500.00		
report p Article Search fee (37 CF USPTC International Sear Office	ion prepared by IS prepared by IPEA/ 33(1)-(4)	US indicate been paid al Searchin by an ISA municated i		·	The state of the s		
т	OTAL OF 21, 22 :	and 23 =		\$	\$1000.00		
Additional fee for specification and drawings filed in paper over 100 (excluding sequence listing in compliance with 37 CFR 1.821(c) or program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction the Total Sheets Extra sheets			(e) or computer				
26-100=	/50 =			× \$250.00	\$0		
	0.00 for furnishing riority date (37 CF		declaration later than 30	months from the	\$0		
CLAIMS	NUMBEI	NUMBER FILED NUMBER EXTRA		RATE			
Total claims		28-20=	8	x \$50.00	\$400.00		
Independent clain	ns	5-3=	2	x \$200.00	\$400.00		
MULTIPLE DEP	ENDENT CLAIM	(S) (if appli	cable)	+ \$360.00	\$0		
	TOT	AL OF	ABOVE CALCUI	LATIONS =	\$1800.00		
Applicant cla	ims small entity st	atus. See 3	\$900.00				
			\$900.00				
Processing fee of from the earliest	\$130.00 for furnis laimed priority da	hing the En te (37 CFR	\$0				
			\$900.00				
	the enclosed assig an appropriate cov	er sheet (37	\$0				
			TOTAL FEES EN	CLOSED =	\$900.00		
					Amount to be refunded:	\$	
					Amount to be	\$	

a.		A check in the amount of \$ to cover the above fees is enclosed.					
ъ.	×	Please charge my Deposit Account No. <u>50-2478(740116-628)</u> in the amoun of this sheet is enclosed.	t of \$900.00_ to cover the above fees. A duplicate copy				
c.	×	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to I Account No. 50-2478(740116-628). A duplicate copy of this sheet is enclosed.					
đ.	d. Ees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
	NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
1		CORRESPONDENCE TO:	De Januare Signature				
Roberts Mlotkowski & Hobbes PO Box 10064 McLean, VA 22102			David S. Safran				
			27,997 REGISTRATION NUMBER				